

AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parenthesis, underlined text indicating insertions, and strike through and/or double-bracketed text indicating deletions.

Listing of Claims

1. (Currently Amended) A ~~recording~~ computer-readable medium ~~having~~ storing a data structure ~~for~~ managing reproduction of multi-path video data from a recorded-on-the-recording computer-readable medium by a reproducing apparatus, comprising:
 - a data area storing the multi-path video data; and
 - a management information area storing title management information,
 - the title management information ~~to assign~~ assigning a plurality of titles to the multi-path video data, ~~wherein:~~
 - the title management information ~~includes~~ including at least one title block ~~that is~~ composed of having an entry title and at least one non-entry title~~[[;]],~~ and
 - each of the titles pertaining to the title block ~~are~~ being associated with mutually different reproduction paths.
2. (Currently Amended) The ~~recording~~ computer-readable medium of claim 1, wherein each of the titles has type information to identify whether it is entry title or not.
3. (Currently Amended) The ~~recording~~ computer-readable medium of claim 2, wherein titles not pertaining to the title block are specified to entry titles by the type information.

4. (Currently Amended) The ~~recording~~ computer-readable medium of claim 1, wherein the titles pertaining to the title block are regarded as a single title when title jump is conducted and title selection menu is displayed.
5. (Currently Amended) The ~~recording~~ computer-readable medium of claim 1, wherein, if one title is not selected from the title block within a predetermined time, a video data section associated with a title in the title block specified to an entry title is reproduced.
6. (Currently Amended) The ~~recording~~ computer-readable medium of claim 1, wherein, if jump to a previous/next title is requested during reproduction of a title pertaining to the title block, another title adjacent to and not pertaining to the title block is reproduced.
7. (Currently Amended) The ~~recording~~ computer-readable medium of claim 1, wherein the different reproduction paths are assigned to different parental levels, respectively.
8. (Currently Amended) The ~~recording~~ computer-readable medium of claim 1, wherein each of the titles has information to access a playlist including at least one playitem that points to a part of the multi-path video data.
9. (Currently Amended) The ~~recording~~ computer-readable medium of claim 1, wherein the title management information includes title selection menu data or information to access title selection menu data.
10. (Currently Amended) A method for ~~recording~~ computer-readable a data structure for

managing reproduction of multi-path video data on a ~~recording~~ computer-readable medium,
comprising:

recording the multi-path video data in a data area on the ~~recording~~ computer-readable
medium; and

recording title management information in a management information area on the ~~recording~~
computer-readable medium, wherein:

the title management information includes at least one title block that is composed of an
entry title and at least one non-entry title; and

the titles pertaining to the title block ~~are being~~ associated with mutually different
reproduction paths.

11. (Currently Amended) An apparatus for recording a data structure ~~for~~ managing reproduction
of multi-path video data on a recording medium, the apparatus comprising:

~~a drive for driving an optical recording means that records~~ pickup configured to record data
on the recording medium;

an encoder ~~for encoding~~ configured to encode the multi-path video data; and

a controller ~~for controlling the drive,~~ operably coupled to the pickup, configured to control
recording to record the encoded multi-path video data in a data area on the recording medium and
title management information in a management information area on the recording medium, wherein:

the title management information ~~includes~~ including at least one title block ~~that is~~
~~composed of~~ having an entry title and at least one non-entry title[;], and

each of the titles pertaining to the title block ~~are being~~ associated with mutually
different reproduction paths.

12. (Currently Amended) A method for reproducing a data structure ~~for~~ managing reproduction of multi-path video data ~~recorded on a recording~~ from a computer-readable medium by a reproduction apparatus, the method comprising:

reproducing title management information from a management information area on the ~~recording~~ computer-readable medium; and

reproducing the multi-path video data from a data area on the ~~recording~~ computer-readable medium based on the title management information, ~~wherein:~~

the title management information ~~includes~~ including at least one title block ~~that is composed of~~ having an entry title and at least one non-entry title~~[[;]]~~, and

each of the titles pertaining to the title block ~~are~~ being associated with mutually different reproduction paths.

13. (Original) The method of claim 12, wherein the titles pertaining to the title block are regarded as a single title when title jump is conducted and title selection menu is displayed.

14. (Original) The method of claim 13, further comprising the step of, if jump to a previous/next title is requested during reproduction of a title pertaining to the title block, reproducing another title adjacent to and not pertaining to the title block.

15. (Original) The method of claim 13, further comprising the step of displaying one title menu item for all titles pertaining to the title block when a title selection menu is outputted.

16. (Original) The method of claim 12, wherein, if one title is not selected from the title block within a predetermined time, a video data section associated with a title in the title block specified to

an entry title is reproduced.

17. (Currently Amended) An apparatus for reproducing a data structure for managing reproduction of multi-path video data recorded on a recording medium, the apparatus comprising:

~~a drive for driving an optical reproducing device~~ pickup configured to reproduce data recorded on the recording medium;

~~a decoder for presenting~~ configured to present the reproduced data; and

~~a controller for controls the drive,~~ operably coupled to the pickup, configured to control reproducing to reproduce title management information from a management information area on the recording medium and the multi-path video data from a data area on the recording medium based on the title management information, ~~wherein:~~

~~the title management information includes~~ including at least one title block ~~that is composed of~~ having an entry title and at least one non-entry title~~[[;]],~~ and

each of the titles pertaining to the title block ~~are~~ being associated with mutually different reproduction paths.

18. (Currently Amended) The apparatus of claim 17, wherein, if jump to a previous/next title is requested during reproduction of a title pertaining to the title block, the controller ~~controls the drive~~ is configured to control the pickup to reproduce another title adjacent to and not pertaining to the title block.

19. (Currently Amended) The apparatus of claim 17, wherein the controller ~~controls~~ is configured to control the decoder to present one title menu item for all titles pertaining to the title block when outputting a title selection menu.

20. (Currently Amended) The apparatus of claim 17, wherein, if one title is not selected from the title block within a predetermined time, the controller ~~controls the drive~~ configured to control the pickup to reproduce a video data section associated with a title in the title block specified to an entry title.

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END OF CLAIM LISTING